

NAME

stringprep - API function

SYNOPSIS

```
#include <stringprep.h>
```

```
int stringprep(char * in, size_t maxlen, Stringprep_profile_flags flags, const Stringprep_profile * profile);
```

ARGUMENTS

char * in input/output array with string to prepare.

size_t maxlen maximum length of input/output array.

Stringprep_profile_flags flags
 a **Stringprep_profile_flags** value, or 0.

const Stringprep_profile * profile
 pointer to **Stringprep_profile** to use.

DESCRIPTION

Prepare the input zero terminated UTF-8 string according to the stringprep profile, and write back the result to the input string.

Note that you must convert strings entered in the systems locale into UTF-8 before using this function, see **stringprep_locale_to_utf8()**.

Since the stringprep operation can expand the string, *maxlen* indicate how large the buffer holding the string is. This function will not read or write to characters outside that size.

The *flags* are one of **Stringprep_profile_flags** values, or 0.

The *profile* contain the **Stringprep_profile** instructions to perform. Your application can define new profiles, possibly re-using the generic stringprep tables that always will be part of the library, or use one of the currently supported profiles.

Return value: Returns **STRINGPREP_OK** iff successful, or an error code.

REPORTING BUGS

Report bugs to <help-libidn@gnu.org>.

General guidelines for reporting bugs: <http://www.gnu.org/gethelp/>
GNU Libidn home page: <http://www.gnu.org/software/libidn/>

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SEE ALSO

The full documentation for **libidn** is maintained as a Texinfo manual. If the **info** and **libidn** programs are properly installed at your site, the command

info libidn

should give you access to the complete manual. As an alternative you may obtain the manual from:

<http://www.gnu.org/software/libidn/manual/>